16.852J/ESD.61J Integrating the Lean Enterprise

Individual Assignment #3

Due Monday, November 28, 2005

Overview

Throughout the term we have examined different models depicting the Integrated Lean Enterprise (see the three diagrams below from earlier class presentations). The goal of this assignment is to provide your own vision of a framework for the Lean Enterprise. This assignment can be done alone or by partnering with one other individual.

Deliverable

Create a diagram showing how you would represent the Lean Integrated Enterprise. Be prepared to present and discuss your framework in class. There is no RIGHT answer. Be creative!
Dimensions of Enterprise Framework

- Processes
- Tools and Technologies
- People/Organization
- Information Requirements

Product Development

Customer Support

Manufacturing

Suppliers

Enterprise Infrastructure

Finance

Marketing

Product Concept/Design

Product Planning

Prod. Control

Mfg. Assy.

Test Insp.

Distrib. Support

Customer

Suppliers

Procurement

Budgets & Costs

Forecasts

Plan

Detail Designs

Schedule Regmts

Schedule & Material Regmts

Process Capabilities

Capacity

Schedule

Budgets & Costs

Process Capabilities

Reliability/Maintainability

Product Requirements